

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-17. (Canceled)

18. (Currently amended) A method of authenticating and authorizing a service request sent from a service client through a firewall to a service provider, comprising the steps of:

~~receiving using a service request filter, intercepting~~ an incoming service request ~~from a service client~~ on a communication channel, the service request having a digital certificate ~~of the service client~~ attached;

~~using the service request filter, authenticating the digital certificate with an issuing certification authority;~~

~~using the service request filter,~~ extracting a service client identifier from the digital certificate associated with the service request;

~~using the service request filter,~~ storing the service client identifier in ~~[[the]]~~ a memory;

~~using the service request filter, sending forwarding~~ the service request to a web service manager;

~~at the web service manager, responsive to receiving the service request, retrieving the service client identifier from the memory and sending an authentication request to a service client authentication program;~~

~~responsive to receiving an authentication request from a web service manager at the service client authentication program,~~ matching the service client identifier with a service client record ~~in the authorization database having the same service client identifier;~~

~~responsive to matching the service client identifier with the service client record, sending a request to a service authorization program for an authorization for the service request;~~

~~at the service authorization program,~~ determining if the service client identifier associated with the service request is ~~authorized~~ entitled to access the service provider; and

~~responsive to determining that the service request is authorized—client is entitled,~~ returning a service authorization to the web service manager;

at the web service manager, routing the service request to authorizing the service provider
to process the request;

responsive to the service provider processing the request, returning an output to the web
service manager.

19. (Canceled)
20. (Original) The method of claim 18 wherein the digital certificate is an X.509 digital certificate.
21. (Original) The method of claim 18 wherein the service client identifier is a Distinguished Name.
22. (Original) The method of claim 18 wherein the digital certificate is self-signed.
23. (Original) The method of claim 18 further comprising the step of recording the service client identifier in an authorization log.
24. (Original) The method of claim 18 further comprising the step of recording the service client identifier and service request in the authorization log.